Router 0

Physical   Config   CLI   Attributes

| GLOBAL |
| Settings |
| Algorithm Settings |
| **ROUTING** |
| Static |
| RIP |
| **SWITCHING** |
| VLAN Database |
| **INTERFACE** |
| FastEthernet0/0 |
| FastEthernet0/1 |
| Serial0/3/0 |

Static Routes

Network [   ]

Mask   [   ]

Next Hop [   ]

[_____]   [Add   ]

Network Address

192.168.2.128/26 via 192.168.2.226

192.168.2.192/27 via 192.168.2.226

[Remove   ]

Equivalent IOS Commands

```
%LINK-5-CHANGED: Interface Serial0/3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/3/0, changed state to up


Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#
Router(config)#
Router(config)#
Router(config)#
```

Fire   Last Status   Source   Destination   Type   Color   Time(sec)   Periodic   Num   Edit   De

Router 1

Router1   — ☐ ✕

Physical   Config   CLI   Attributes

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1
Serial0/3/0

Static Routes

Network   [   ]

Mask   [   ]

Next Hop [   ]

                     [Add]

Network Address

192.168.1.0/24 via 192.168.2.225

192.168.2.0/25 via 192.168.2.225

                    [Remove]

Equivalent IOS Commands

```
%LINK-5-CHANGED: Interface Serial0/3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/3/0, changed state to up


Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#
Router(config)#
Router(config)#
Router(config)#
```

PC4

PC4

IP Configuration

Interface	FastEthernet0

IP Configuration

- ○ DHCP
- ● Static

IPv4 Address	192.168.2.2
Subnet Mask	255.255.255.0
Default Gateway	192.168.2.1
DNS Server	0.0.0.0

IPv6 Configuration

- ○ Automatic
- ● Static

IPv6 Address	/
Link Local Address	FE80::2D0:BCFF:FE36:BEC6
Default Gateway	
DNS Server	

802.1X

- ☐ Use 802.1X Security

Authentication	MD5
Username	
Password	

☐ Top

PC5

PC5

IP Configuration

Interface	FastEthernet0

IP Configuration

- ○ DHCP
- ● Static

IPv4 Address	192.168.1.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	0.0.0.0

IPv6 Configuration

- ○ Automatic
- ● Static

IPv6 Address	/
Link Local Address	FE80::230:F2FF:FE7C:8D38
Default Gateway	
DNS Server	

802.1X

- ☐ Use 802.1X Security

Authentication	MD5
Username	
Password	

☐ Top

PC6

PC6

IP Configuration

Interface	FastEthernet0

IP Configuration

- ○ DHCP
- ● Static

IPv4 Address	192.168.2.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.2.1
DNS Server	0.0.0.0

IPv6 Configuration

- ○ Automatic
- ● Static

IPv6 Address	/
Link Local Address	FE80::260:5CFF:FE56:E2D8
Default Gateway	
DNS Server	

802.1X

- ☐ Use 802.1X Security

Authentication	MD5
Username	
Password	

☐ Top

PC7

PC7

IP Configuration

Interface	FastEthernet0

IP Configuration

- ○ DHCP
- ● Static

IPv4 Address	192.168.1.2
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	0.0.0.0

IPv6 Configuration

- ○ Automatic
- ● Static

IPv6 Address	/
Link Local Address	FE80::201:63FF:FE8D:8198
Default Gateway	
DNS Server	

802.1X

- ☐ Use 802.1X Security
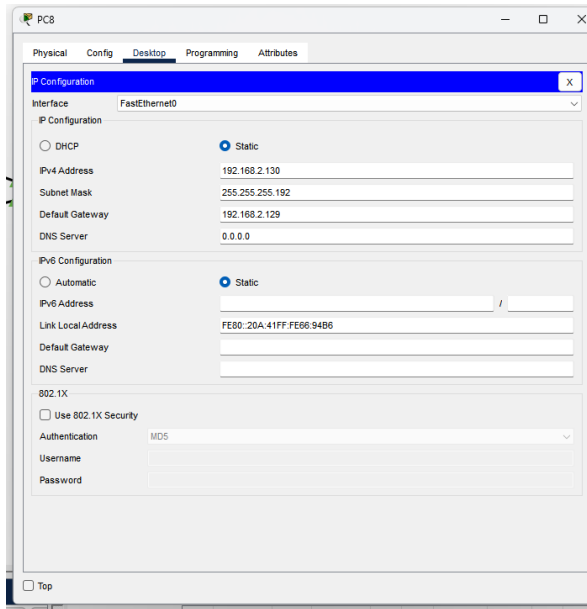
Authentication	MD5
Username	
Password	

☐ Top

PC8

PC8

Physical | Config | Desktop | Programming | Attributes
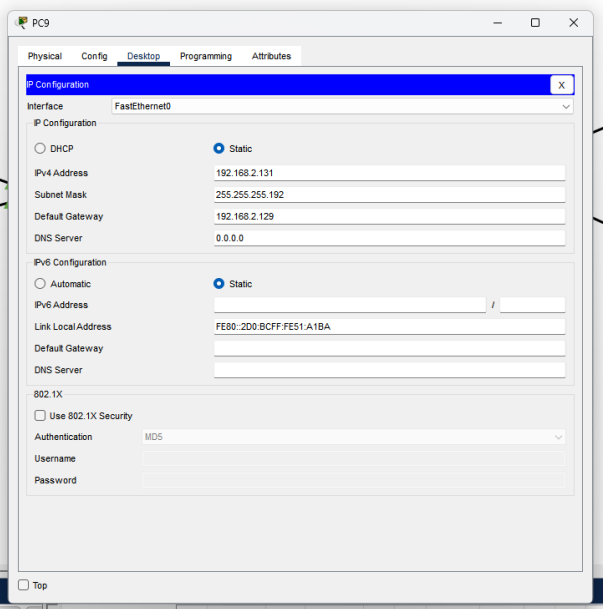
IP Configuration X

Interface: FastEthernet0

IP Configuration
- ○ DHCP ● Static
- IPv4 Address: 192.168.2.130
- Subnet Mask: 255.255.255.192
- Default Gateway: 192.168.2.129
- DNS Server: 0.0.0.0

IPv6 Configuration
- ○ Automatic ● Static
- IPv6 Address: /
- Link Local Address: FE80::20A:41FF:FE66:94B6
- Default Gateway:
- DNS Server:

802.1X
- ☐ Use 802.1X Security
- Authentication: MD5
- Username:
- Password:

☐ Top

PC9

PC9

Physical | Config | Desktop | Programming | Attributes
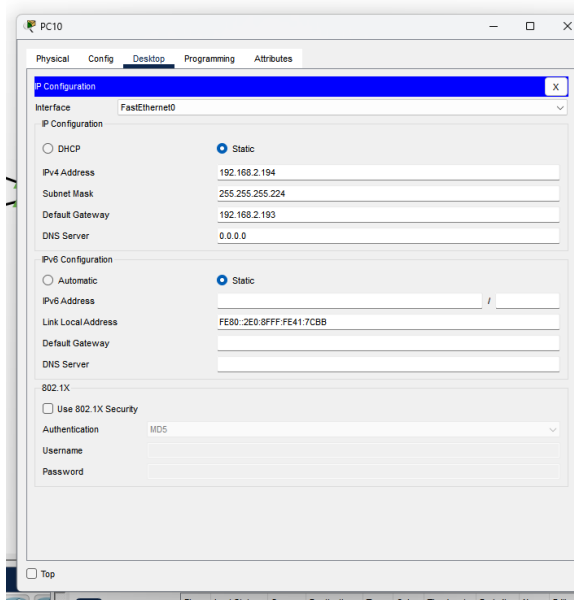
IP Configuration X

Interface: FastEthernet0

IP Configuration
- ○ DHCP ● Static
- IPv4 Address: 192.168.2.131
- Subnet Mask: 255.255.255.192
- Default Gateway: 192.168.2.129
- DNS Server: 0.0.0.0

IPv6 Configuration
- ○ Automatic ● Static
- IPv6 Address: /
- Link Local Address: FE80::2D0:BCFF:FE51:A1BA
- Default Gateway:
- DNS Server:

802.1X
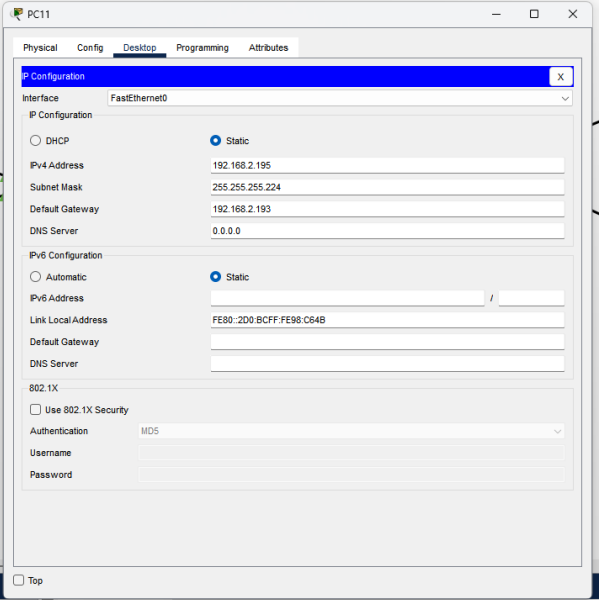- ☐ Use 802.1X Security
- Authentication: MD5
- Username:
- Password:

☐ Top

PC10

PC10

Physical | Config | Desktop | Programming | Attributes

IP Configuration X

Interface: FastEthernet0

IP Configuration
- ○ DHCP ● Static
- IPv4 Address: 192.168.2.194
- Subnet Mask: 255.255.255.224
- Default Gateway: 192.168.2.193
- DNS Server: 0.0.0.0

IPv6 Configuration
- ○ Automatic ● Static
- IPv6 Address: /
- Link Local Address: FE80::2E0:8FFF:FE41:7CBB
- Default Gateway:
- DNS Server:

802.1X
- ☐ Use 802.1X Security
- Authentication: MD5
- Username:
- Password:

☐ Top

PC11

PC11

Physical | Config | Desktop | Programming | Attributes

IP Configuration X

Interface: FastEthernet0

IP Configuration
- ○ DHCP ● Static
- IPv4 Address: 192.168.2.195
- Subnet Mask: 255.255.255.224
- Default Gateway: 192.168.2.193
- DNS Server: 0.0.0.0

IPv6 Configuration
- ○ Automatic ● Static
- IPv6 Address: /
- Link Local Address: FE80::2D0:BCFF:FE98:C64B
- Default Gateway:
- DNS Server:

802.1X
- ☐ Use 802.1X Security
- Authentication: MD5
- Username:
- Password:

☐ Top

Full Network